Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|--------------------|----------------|--|
| Madhu BHARATHULA | 07/15/2010 | |
| Shreeshah VEDAGIRI | 08/03/2010 | |
| Veera INAPAKOLLA | 07/15/2010 | |

RECEIVING PARTY DATA

| Name: | Cellco Partnership d/b/a Verizon Wireless |
|-----------------|---|
| Street Address: | One Verizon Way, |
| City: | Basking Ridge |
| State/Country: | NEW JERSEY |
| Postal Code: | 07920-1097 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12837097 |

CORRESPONDENCE DATA

Fax Number: (202)756-8087

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-756-8000
Email: Kadkins@mwe.com

Correspondent Name: MCDERMOTT WILL & EMERY LLP

Address Line 1: 600 13TH STREET, N.W.

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096

| ATTORNEY DOCKET NUMBER: | 050108-0350 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | Keith E. George |

Total Attachments: 7

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PATENT REEL: 025080 FRAME: 0761 1283/09/

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| RECORDATION FORM | 1 COVER SHEET |
|--|---|
| Docket No.: 050108-0350 PATENTS | ONLY |
| To the Director of the U. S. Patent and Trademark Office: Please | record the attached documents or the new address(es) below. |
| 1. Name of Conveying Party(ies) | 2. Name and address of receiving party(ies) |
| Madhu BHARATHULA, Shreeshah VEDAGIRI, Veera | Name: Cellco Partnership d/b/a Verizon Wireless |
| INAPAKOLLA | |
| | Internal Address: |
| Additional name(s) of conveying party(ies) attached? Yes No | |
| 3. Nature of Conveyance/Execution Date(s) | Address: One Verizon Way, |
| Execution Date(s): July 15, 2010; August 3, 2010 and July 15, | Basking Ridge, NJ 07920-1097 |
| 2010 respectively | |
| ✓ Assignment | |
| ☐ Security Agreement ☐ Change of Name | |
| ☐ Joint Research Agreement | |
| Government Interest Assignment | |
| ☐ Executive Order 9424, Confirmatory License | |
| ☐ Other | Additional name(s) & address(es) attached? Yes No |
| 4. Application or patent number(s): | This document is being filed together with a new application. |
| A. Patent Application No. | B. Patent No(s). |
| 12/837,097 file don July 15, 2010 | |
| • | |
| | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 |
| Name: MCDERMOTT WILL & EMERY LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 |
| Internal Address: | Authorized to be charged by credit card |
| Internal Address. | Authorized to be charged to deposit account |
| Street Address: 600 13th Street, N.W. | Enclosed |
| Succe Address. | None required (government interest not affecting title) |
| City: Washington, State: DC Zip: 20005-3096 | |
| D.C. | |
| Phone Number: 202.756.8000 | 8. Payment Information: |
| Fax Number: 202.756.8087 | |
| Email Address: | a. Credit Card Last 4 Numbers |
| Diller Ladioon | Expiration Date |
| | b. Deposit Account Number 500417 |
| | Authorized User Name |
| 9. Signature. | |
| Keith E. George 34,111 | 99991 October 1, 2010 |
| Name and Registration No. of Person Signing | Signature Date |
| , , | ing cover sheet, attachments and documents: 7 |
| | |

Docket No.: 050108-0350

ASSIGNMENT

WHEREAS We, Madhu BHARATHULA of 42 West Lake Court, Somerset, New Jersey, 08873, Shreeshah VEDAGIRI of 90 Chariot Court, Piscataway, New Jersey, 08854, and Veera INAPAKOLLA of 126 Liadlaw Avenue, Jersey City, New Jersey, 07307 have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SECURE E-MAIL BILLING, for which an application for United States Letters Patent is filed concurrently herewith;

AND WHEREAS, Cellco Partnership d/b/a Verizon Wireless, a partnership of the State of Delaware and having an address of One Verizon Way, Basking Ridge, NJ 07920-1097 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Cellco Partnership d/b/a Verizon Wireless (Assignee), its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said Assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We hereby grant the Assignee, its successors, legal representatives and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the recordation rules of any appropriate and competent authority, including, without limitation, the United States Patent and Trademark Office.

AND We hereby agree that this Assignment may be executed in two or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

said patent and the invention covered thereby. Date STATE OF > COUNTY OF Somuse day of July, 20/D before me personally appeared Madhu BHARATHULA, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the/same for the uses and purposes therein set forth. Notary Public SEAL **DORANN O'BRIEN** NOTARY PUBLIC OF NEW JERSEY My commission expires _ Commission Expires 4/15/2014 STATE OF _ COUNTY OF On this _____ day of _____, 20___, before me personally appeared Shreeshah VEDAGIRI, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth. Notary Public SEAL

My commission expires _____

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the

United States which may be issued for said invention to said Cellco Partnership d/b/a Verizon Wireless, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to

2010, before me personally appeared Veera INAPAKOLLA, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

DORANN O'BRIEN NOTARY PUBLIC OF NEW JERSEY My commission expires Commission Expires 4/15/2014

PATENT

REEL: 025080 FRAME: 0766

Docket No.: 050108-0350

ASSIGNMENT

WHEREAS We, Madhu BHARATHULA of 42 West Lake Court, Somerset, New Jersey, 08873, Shreeshah VEDAGIRI of 90 Chariot Court, Piscataway, New Jersey, 08854, and Veera INAPAKOLLA of 126 Liadlaw Avenue, Jersey City, New Jersey, 07307 have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SECURE E-MAIL BILLING, for which an application for United States Letters Patent is filed concurrently herewith;

AND WHEREAS, Cellco Partnership d/b/a Verizon Wireless, a partnership of the State of Delaware and having an address of One Verizon Way, Basking Ridge, NJ 07920-1097 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Cellco Partnership d/b/a Verizon Wireless (Assignee), its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said Assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We hereby grant the Assignee, its successors, legal representatives and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the recordation rules of any appropriate and competent authority, including, without limitation, the United States Patent and Trademark Office.

AND We hereby agree that this Assignment may be executed in two or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cellco Partnership d/b/a Verizon Wireless, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

| Date | Madhu BHARATHULA |
|--|--|
| 8/3/2010 | V. Sin 81. |
| Date | Shreeshah VEDAGIRI |
| | |
| Date | Veera INAPAKOLLA |
| | |
| | |
| STATE OF | |
| COUNTY OF) SS: | |
| | |
| On this day of | , 20, before me personally appeared Madhu |
| BHARATHULA, to me known to be to | the person named in and who executed the above instrument, and it he same for the uses and purposes therein set forth. |
| acknowledged to life that he/site executed | i me same for the uses and purposes insection of the |
| 6 T 4 T | Notary Public |
| SEAL | Notary Fublic |
| | My commission expires |
| | |
| γ_{0} 0 | |
| STATE OF Somes SS: | |
| COUNTY OF Somesse | |
| | 20/0, before me personally appeared Shreeshah |
| VEDAGIRI to me known to be the | person named in and who executed the above instrument, and |
| acknowledged to me that he/she executed | d the same for the uses and purposes therein set forth. |
| | |
| | Varam OBreen |
| SEAL | Notary Public |
| | My commission expires NOTARY PUBLIC OF INCLUDENCE |
| • | Commission Expires 4/15/2024 |

| STATE OF | | | | | | | |
|---|---|----------------|----------|-------|---------------|-------------|-------------------|
| COUNTY OF |) SS:) | | | | | | |
| On this INAPAKOLLA, to me acknowledged to me that | day ofknown to be the he/she executed the | person named i | n and wh | o exe | cuted the ab- | ove instrum | Veera ent, and |
| SEAL | | otary Public | | | | | |

RECORDED: 10/01/2010